

METHOD AND SYSTEM FOR PERFORMING  
STATELESS COMPRESSION OF MESSAGES

ABSTRACT OF THE DISCLOSURE

[65] An approach for providing stateless compression is disclosed. A message (such as an HTTP (HyperText Transfer Protocol) GET request message or a Domain Name Service (DNS) message) is received from a host. A stateful compressor is initialized with a prescribed sequence to yield a primed state. The message is input into a stateful compressor, which outputs a compressed message based upon the primed state. The stateless compression scheme has particular applicability to networks with high latency – e.g., a satellite network.